



# FULBRIGHT & JAWORSKI L.L.P.

A REGISTERED LIMITED LIABILITY PARTNERSHIP  
600 CONGRESS AVENUE, SUITE 2400  
AUSTIN, TEXAS 78701-3271  
WWW.FULBRIGHT.COM

MBARRETT@FULBRIGHT.COM  
DIRECT DIAL: (512) 536-3018

TELEPHONE: (512) 444-5201  
FACSIMILE: (512) 536-4533

RECEIVED  
1616  
APR 6 2003  
TECH CENTER 160023001

March 26, 2003

<p align="center">CERTIFICATE OF MAILING 37 C.F.R. 1.8</p> <p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box DD, Commissioner for Patents, Washington, DC 20231, on the date below:</p> <p>March 26, 2003 Date</p> <p><i>Michael C. Barrett</i> Michael C. Barrett</p>
--

## BOX DD

Commissioner for Patents  
Washington, DC 20231

RE: *U. S. Patent Application No. 10/072,320; Entitled "pH-SENSITIVE MUCOADHESIVE FILM-FORMING GELS AND WAX-FILM COMPOSITES SUITABLE FOR TOPICAL AND MUCOSAL DELIVERY OF MOLECULES" by Russell Mumper and Michael Jay*  
*Our reference: NANO:002USD1*

Dear Sir:

Enclosed for filing in the above-referenced patent application is a Supplemental Information Disclosure Statement, Form PTO-1449, and references (A1-A2 and B1-B4).

No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/NANO:002USD1.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

*Michael C. Barrett*  
Michael C. Barrett  
Reg. No. 44,523

MCB/cas  
Encl.: As noted

25272921.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Russell Mumper and Michael Jay

Serial No.: 10/072,320

Filed: February 7, 2002

For: pH-SENSITIVE MUCOADHESIVE FILM-  
FORMING GELS AND WAX-FILM  
COMPOSITES SUITABLE FOR  
TOPICAL AND MUCOSAL DELIVERY  
OF MOLECULES

Group Art Unit: 1616

Examiner: Unknown

Atty. Dkt. No.: NANO:002USD1

TECH. CENTER 1600/2900

APR 01 2003

RECEIVED  
PATENT

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box DD, Commissioner for Patents, Washington, DC 20231, on the date below:

March 26, 2003

Date

*Michael C. Barrett*  
Michael C. Barrett

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**BOX DD**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

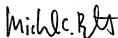
In accordance with 37 C.F.R. §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Supplemental Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/NANO:002USD1.

This application is a divisional application of Serial No. 09/748,133 filed December 27, 2000 and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) only copies of those documents not previously cited and submitted to the Patent and Trademark Office in prior application Serial No. 09/748,133 are enclosed for the convenience of the Examiner.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Michael C. Barrett  
Reg. No. 44,523  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: March 26, 2003



Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.  
NANO:002USD1Serial No.  
10/072,320Applicant  
Russell Mumper and Michael JayFiling Date:  
February 7, 2002Group:  
1616U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
See Page 1TECH CENTER 1600/2900  
APR 01 2003

RECEIVED

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	4,517,173	5-14-85	Kizawa et al.	424	435	5-25-82
	A2	4,715,369	12-29-87	Suzuki et al.	604	500	2-9-87

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0 435 199	7-3-91	Europe			
	B2	WO 98 17251	4-30-98	PCT			
	B3	WO 00 10536	3-2-00	PCT			
	B4	WO 00 59423	12-12-00	PCT			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation

25272901.1

EXAMINER: /Michael Hartley/

DATE CONSIDERED: 09/23/2008

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MH/